

### Abstract of the Disclosure

The present invention provides a heparin cofactor II-containing preparation substantially free of at least one contaminant selected from a group consisting of a degrading factor, degraded  
5 heparin cofactor II (HCII), polymerized heparin cofactor II and a coloring substance, particularly a heparin cofactor II-containing preparation substantially free of a degrading factor and degraded HCII. In addition, the invention provides any of the above-mentioned  
10 preparations substantially free of an infective virus, and a production method of any of the above-mentioned preparations.